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Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No. R290.12-0023

First Inventor or Application Identifier Roxane Morrison et al.

Title IMPROVED CHEMICAL SPECIES ANALYZER

Express Mail Label No. EV049898283US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

Address To:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form e.g., PTO/SB17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Sheets **16**]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention)  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets **3**]
4. Oath or Declaration [Total Sheets **3**]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT  
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

5. ☐ Microfiche Computer Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (Identical to computer copy)  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document
10. ☐ Information Disclosure Statement (IDS/PTO - PTO) ☐ Copies of IDS
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
13. ☐ \*Small Entity Statement(s) filed in prior application. Status still proper and desired (PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☐ Request and Cert. Under 35 USC 122 (Non-Pub)
16. ☒ Other: Our checks in the amounts of \$40.00 and \$740.00

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation -in part (CIP)

of prior application No: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

**FOR CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

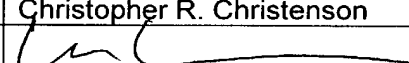
**17. CORRESPONDENCE**

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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Name (Print/type)	Christopher R. Christenson	Registration No. (Attorney/Agent)	42,413
Signature		Date	3/1/02

97703.030102

<b>FEE TRANSMITTAL</b>		<small>Complete if Known</small>																																																																																									
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1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> Westman, Champlin & Kelly, P.A.  2. <input checked="" type="checkbox"/> Check Enclosed		<b>3. ADDITIONAL FEES</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Code (\$)</th> <th>Code (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>105    130</td> <td>205    65</td> <td>Surcharge - Late filing fee or oath</td> <td></td> </tr> <tr> <td>127    50</td> <td>227    25</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> <td></td> </tr> <tr> <td>139    130</td> <td>139    130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147    2,520</td> <td>147    2,520</td> <td>For Filing a Request for Reexamination. (ex parte)</td> <td></td> </tr> <tr> <td>115    110</td> <td>215    55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116    400</td> <td>216    200</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117    920</td> <td>217    460</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118    1,440</td> <td>218    720</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128    1,960</td> <td>280    980</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>120    320</td> <td>220    160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121    280</td> <td>221    140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>148    110</td> <td>248    55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>140    110</td> <td>240    55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>141    1,310</td> <td>241    670</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td>142    1,310</td> <td>242    670</td> <td>Utility/Reissue issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>143    490</td> <td>243    260</td> <td>Design issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>122    130</td> <td>122    130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123    50</td> <td>123    50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126    180</td> <td>126    180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>581    40</td> <td>581    40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	Code (\$)	Code (\$)			105    130	205    65	Surcharge - Late filing fee or oath		127    50	227    25	Surcharge - Late provisional Filing Fee or cover sheet		139    130	139    130	Non-English specification		147    2,520	147    2,520	For Filing a Request for Reexamination. (ex parte)		115    110	215    55	Extension for reply within first month		116    400	216    200	Extension for reply within second month		117    920	217    460	Extension for reply within third month		118    1,440	218    720	Extension for reply within fourth month		128    1,960	280    980	Extension for reply within fifth month		120    320	220    160	Filing a brief in support of an appeal		121    280	221    140	Request for oral hearing		148    110	248    55	Terminal Disclaimer Fee		140    110	240    55	Petition to Revive - unavoidable		141    1,310	241    670	Petition to Revive - unintentional		142    1,310	242    670	Utility/Reissue issue fee (inc. advance copies)		143    490	243    260	Design issue fee (inc. advance copies)		122    130	122    130	Petitions to the Commissioner		123    50	123    50	Petitions related to provisional applications		126    180	126    180	Submission of Information Disclosure Statement		581    40	581    40	Recording each patent assignment per property (times number of properties)	
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Signature Christopher R. Christenson

Reg. No. 42,413

Date 3-1-02

Deposit Account No. 23-1123